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Attorney's Docket No.: 5214P001RD2

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kuriacose Joseph, et al.

Application No.: 09/903,448

Filing Date: July 10, 2001

For: APPARATUS FOR TRANSMITTING  
AND RECEIVING EXECUTABLE  
APPLICATIONS AS FOR A  
MULTIMEDIA SYSTEM, AND SYSTEM  
TO ORDER AN ITEM USING A  
DISTRIBUTED COMPUTING SYSTEM

Examiner: Kalinowski, A.

Art Group: 2783  
2183

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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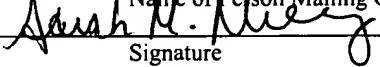
Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on March 22, 2002

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

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37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

A statement pursuant to 37 C.F.R. §1.97(e) or

A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

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(1) A statement pursuant to 37 C.F.R. §1.97(e); and

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 03/21/ 2002

  
Andre L. Marais  
Registration no. 48,095

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Application Number 09/903,448

Filing Date 07/10/2001

First Named Inventor Kuriacose Joseph

Art Unit 2783

Examiner Name Kalinowski, A.

Attorney Docket Number 5214P001RD2

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    | 1                     | US- 3,803,491   | 04.09.1974                     | Osborn   |   |
|                    | 2                     | US- 3,891,792   | 06.24.1975                     | Kimura   |   |
|                    | 3                     | US- 4,264,925   | 04.28.1981                     | Freeman et al.                                     |   |
|                    | 4                     | US- 4,323,922   | 04.06.1982                     | den Toonder et al.                                 |   |
|                    | 5                     | US- 4,528,589   | 07.09.1985                     | Block et al.                                       |   |
|                    | 6                     | US- 4,724,521   | 02.09.1988                     | Carron et al.                                      |   |
|                    | 7                     | US- 4,851,994   | 07.25.1989                     | Toda et al.  |   |
|                    | 8                     | US- 4,935,870   | 06.19.1990                     | Burk, Jr. et al.                                   |   |
|                    | 9                     | US- 4,937,784   | 06.26.1990                     | Masai et al.                                       |   |
|                    | 10                    | US- 4,965,825   | 10.23.1990                     | Harvey et al.                                      |   |
|                    | 11                    | US- 4,991,011   | 02.05.1991                     | Johnson et al.                                     |   |
|                    | 12                    | US- 5,003,591   | 03.26.1991                     | Kaufman et al.                                     |   |
|                    | 13                    | US- 5,036,314   | 07.30.1991                     | Barillari et al.                                   |   |
|                    | 14                    | US- 5,129,080   | 07.07.1992                     | Smith  |   |
|                    | 15                    | US- 5,132,992   | 07.21.1992                     | Yurt et al.  |   |
|                    | 16                    | US- 5,191,410   | 03.02.1993                     | McCalley et al.                                    |   |
|                    | 17                    | US- 5,191,573   | 03.02.1993                     | Hair   |   |
|                    | 18                    | US- 5,195,092   | 03.16.1993                     | Wilson et al.                                      |   |
|                    | 19                    | US- 5,204,947   | 04.20.1993                     | Bernstein et al.                                   |   |
|                    | 20                    | US- 5,233,654   | 08.03.1993                     | Harvey et al.                                      |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    | 21                    | EP 0 145 063 A2   | 06.19.1985                     | International Standard Electric Corporation        |   |                |
|                    | 22                    | EP 0 145 063 B1   | 06.19.1985                     | International Standard Electric Corporation        |   |                |
|                    | 23                    | EP 0 570 683 A2   | 11.24.1993                     | International Business Machines Corporation        |   |                |
|                    | 24                    | EP 0 570 683 A3   | 11.24.1993                     | International Business Machines Corporation        |   |                |
|                    | 25                    | EP 0 583 186 B1   | 02.16.1994                     | Queniat, Jean-François                             |   |                |
|                    | 26                    | EP 0 399 300 A2   | 11.28.1990                     | Hitachi, LTD.                                      |   |                |
|                    | 27                    |   |                                |  |   |                |
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| Application Number   | 09/903,448       |
| Filing Date          | 07/10/2001       |
| First Named Inventor | Kuriacose Joseph |
| Group Art Unit       | 2783             |
| Examiner Name        | Kalinowski, A.   |

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| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |            |  |
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| Examiner Initials*                                 | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published   |
|  | 31         | Green N, Hedger J, "ORACLE on Independent Television" Sept. 1976.  |
|  | 32         | Hedger, J, "Broadcast Telesoftware: Experience with ORACLE" Online conferences Ltd., 1980.   |
|  | 33         | Ammar M H, Wong JW, "The Design of Teletext Broadcast Cycles" Elsevier Science Publishers B.V., 1985 (Received May 13, 1984). [Wong's group, Dept of Computer Science, University of Waterloo, Ontario, Canada]  |
|  | 34         | Gifford D K, Lucassen J M, Berlin S T, "The Application of Digital Broadcast Communication to Large Scale Information Systems" IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 3, May 1985 (received Sept. 19, 1984). [MIT lab, Gifford's group]   |
|  | 35         | Wong J W, "Broadcast Delivery" Proceedings of IEEE, Vol. 76, No. 12, Dec 1988 (Received April 15 1988).  |
|  | 36         | Herman G, Gopal G, Lee K C, Weinrib A, "The Datacycle Architecture for Very High Throughput Database Systems" Proceedings of Association for Computing Machinery Special Interest Group on Management of Data, 1987 Annual Conference, San Francisco, May 27-29, 1987. [Bell Lab, Herman & Gopal's group, Bell Communications Research, Inc., Morristown, NJ.] |
|  | 37         | Gifford D K, "Polychannel Systems for Mass Digital Communication" Communications of ACM, Vol. 33, Number 2, Feb. 1990. [MIT lab, Gifford's group]  |
|  | 38         | Bowen T F, Goapl G, Herman G, Hickey T, Lee K C, Mansfield W H, Raitz J, Weinrib A, "The Datacycle Architecture" Communications of the ACM, Vol. 35, No. 12, Dec. 1992.  |
|  | 39         | Antonelli C J, Honeyman P, "Integrating Mass Storage and File Systems", Proceedings, Twelfth IEEE Symposium on Mass Storage Systems, April 26-29, 1993, Monterey, CA.  |
|  | 40         | Zdonik S, "Are "Disks in the Air" Just Pie in the Sky?" IEEE, Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, Dec. 1994. [Brown's lab, Zdonik's Group, Dept. of Computer Science, Brown Univ., affiliated with Dept. of Computer Science, University of Maryland]   |
|  | 41         | Acharya S, Alonso R, Franklin M, Zdonik S, "Broadcast Disk: Data Management for Asymmetric Communication Environments" Proceedings of the ACM SIGMOD International conference on Management of Data, San Jose, CA May 1995 (first published in Brown University Technical Report CS-94-43, October 1994).  |

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| Examiner Signature | Date Considered |
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Attorney Docket Number 5214P001RD2

| <b>U.S. PATENT DOCUMENTS</b> |                       |   |                                |  |   |
|------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials            | Cite No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                              | 1                     | US- 5,343,239   | 08.30.1994                     | Lappington et al.                                  |   |
|                              | 2                     | US- 5,440,744   | 08.08.1995                     | Jacobson et al.                                    |   |
|                              | 3                     | US- 5,539,449   | 07.23.1996                     | Blahut et al.                                      |   |
|                              | 4                     | US- 5,548,532   | 08.20.1996                     | Menand et al.                                      |   |
|                              | 5                     | US- 5,600,364   | 02.04.1997                     | Hendricks et al.                                   |   |
|                              | 6                     | US- 5,666,293   | 09.09.1997                     | Metz et al.  |   |
|                              | 7                     | US- 5,729,549   | 03.17.1998                     | Kostreski et al.                                   |   |
|                              | 8                     | US- 5,734,589   | 03.31.1998                     | Kostreski et al.                                   |   |
|                              | 9                     | US- 5,768,539   | 06.16.1998                     | Metz et al.  |   |
|                              | 10                    | US- 5,805,825   | 09.08.1998                     | Danneels et al.                                    |   |
|                              | 11                    | US- 5,822,324   | 10.13.1998                     | Kostresti et al.                                   |   |
|                              | 12                    | US- 5,826,166   | 10.20.1998                     | Brooks et al.                                      |   |
|                              | 13                    | US- 5,951,639   | 09.14.1999                     | MacInnis   |   |
|                              | 14                    | US- 5,973,684   | 10.26.1999                     | Brooks et al.                                      |   |
|                              | 15                    | US- 5,978,855   | 11.02.1999                     | Metz et al.  |   |
|                              | 16                    | US- 6,130,898   | 10.10.2000                     | Kostreski et al.                                   |   |
|                              | 17                    | US- 6,185,585 B1  | 02.06.2001                     | Sequeira   |   |
|                              | 18                    | US- 6,195,364 B1  | 02.27.2001                     | Brodigan   |   |
|                              | 19                    | US- 6,222,530 B1  | 04.24.2001                     | Sequeira   |   |
|                              | 20                    | US- 4,163,255   | 07-31-1979                     | Pires  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
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|----------------------|------------------|
| Application Number   | 09/903,458       |
| Filing Date          | 07/10/2001       |
| First Named Inventor | Kuriacose Joseph |
| Group Art Unit       | 2783             |
| Examiner Name        | Kalinowski, A.   |

Attorney Docket Number

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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published   | T <sup>2</sup> |
|--------------------|-----------------------|--|----------------|
|                    | 31                    | Acharya S, Alonso R, Franklin M, Zdonik S, "Dissemination-based Data Delivery Using Broadcast Disks" IEEE Personal Communications, Vol. 2(6), 50-60, 1995.   |                |
|                    | 32                    | Imielinski T, Viswanathan S, Badrinath B R, "Power Efficient Filtering of Data on Air" Advances in Database Technology - EDBT '94, Proceedings, 4th International conference on Extending Database Technology, Cambridge, United Kingdom, March 28-31, 1994. [Rutger's group, Imielinski's lab, Dept. of Computer Science, Rutgers University] |                |
|                    | 33                    | Imielinski T, Viswanathan S, Badrinath B R, "Energy Efficient Indexing on Air" Proceedings of the 1994 ACM SIGMOD, International Conference on Management of Data, Minneapolis, Minnesota, May 24-27, 1994.  |                |
|                    | 34                    | Imieliski T, Badrinath B R, "Mobile Wireless Computing" Communications of the ACM, Vol. 37, No. 10, October 1994.  |                |
|                    | 35                    | Dr. Hisham El-Shishiny, et al., "A Regional Broadcast-Centric Education System", IEEE Symposium on Computers and Communications, Alexandria, Egypt, July 1-3, 1997.  |                |
|                    | 36                    | Anonymous, "Internet Gets Shopping Mall", Information & Interactive Services Report, April 22, 1994, Vol. 15, No. 8, 1 page.   |                |
|                    | 37                    | Brody, Herb, "Information Highway: Technology Review, Aug/Sep 1993, Vol. 96, No. 6, page 30.   |                |
|                    | 38                    | Rice, Dale, "Centralization, Standardization Are "Way to Go", American Banker, March 9, 1987, Vol. 152, No. 46, page 11.   |                |
|                    | 39                    | Poole et al., "Cable TV Plugs Into Internet", Unix World, November 1993, Vol. X, No. 11, page 16.  |                |
|                    | 40                    | Yamada, Ken, "Hewlett Devises Way for Palm-Top PC to be linked to "Interactive" Television", Wall Street Journal, October 7, 1992, page B3.  |                |
|                    | 41                    | Zachary, G Pascal, "Technology: HP is Building Gadget to Make TVs Interactive", Wall Street Journal, February 27, 1992, page B1.   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

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|-------------------|-----------------------|--|--------------------------------|--|---|
|                   |                       | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
|                   | 1                     | US- 4,789,895                              | 12-06-1988                     | Mustafa et al.                                     |   |
|                   | 2                     | US- 5,418,559                              | 05-23-1995                     | Blahut   |   |
|                   | 3                     | US- 5,485,197                              | 01-16-1996                     | Hoarty   |   |
|                   | 4                     | US- 4,965,825                              | 10-23-1990                     | Harvey et al.                                      |   |
|                   | 5                     | US- 5,936,659                              | 08-10-1999                     | Viswanathan et al.                                 |   |
|                   | 6                     | US- 6,240,448 B1                           | 05-29-2001                     | Imielinski et al.                                  |   |
|                   | 7                     | US- 5,706,435                              | 01-06-1998                     | Barbará et al.                                     |   |
|                   | 8                     | US- 5,168,356                              | 12-01-1992                     | Acampora et al.                                    |   |
|                   | 9                     | US- 5,581,704                              | 12-03-1996                     | Barbará et al.                                     |   |
|                   | 10                    | US- 5,621,456                              | 04-15-1997                     | Florin et al.                                      |   |
|                   | 11                    | US- 5,848,399                              | 12-08-1998                     | Burke  |   |
|                   | 12                    | US- 5,347,632                              | 09-13-1994                     | Filepp et al.                                      |   |
|                   | 13                    | US-  |                                |  |   |
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|                   | 28                    |  |                                |  |   |                |
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| Examiner Signature | Date Considered |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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